



## *OEM Subscriber Line Shelf (SLS™) for Legacy Telecom and DSL Access*

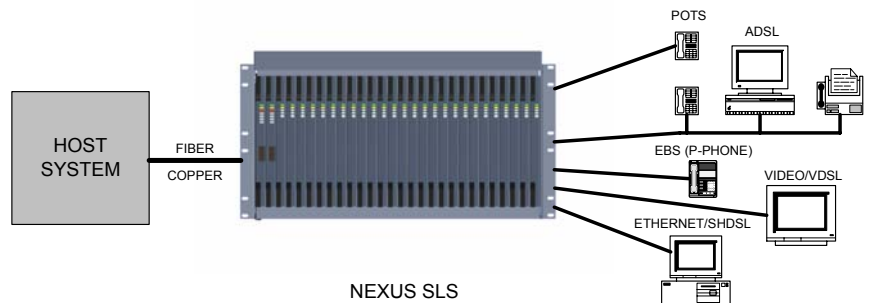
### **Nexus SLS™ benefits:**

- Low manufacturing cost
- High line density
- Future-proof high speed backplane
- High reliability
- Redundancy support
- TDM, ATM, and IP support
- Narrowband telephony services support
- xDSL support
- Minimal cost overhead from narrowband services for xDSL
- Flexible system uplink options
- Remote operation capability
- Emergency Stand Alone capability
- Integrated line test capability
- Customized to achieve look and feel of host

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Circuit/packet switches and digital carrier systems require access line shelves to provide the physical interface to the intended subscriber base. Throughout the history of access products development, companies have invested heavily in the design of proprietary subscriber access line shelves. The Nexus SLS™ solution provides a low cost, flexible alternative to in-house developed systems, that can be tailored to any host system:



In its simplest implementation, the Nexus SLS™ can be configured as a narrowband access shelf, that provides a softswitch or a Next Generation Digital Loop Carrier with the interface to loop legacy services such as POTS, Coin, ISDN, DDS, P-phone (EBS), and others. With minimal additional investment, the Nexus SLS™ solution can be upgraded to a full broadband delivery system. At the heart of this flexibility lies the Point-to-Point Multi-thread (PPM™) backplane, that is incorporated into each Nexus SLS™ design. The logical flexibility of the architecture extends to any required physical form factor:



Nexus would be pleased to tailor the SLS™ solution to your firm's specific requirements, under a design, license, or manufacturing arrangement.